

180179

From: McGarry, Sean
 Sent: Wednesday, February 22, 2006 10:03 AM
 To: STIC-Biotech/ChemLib
 Subject: SEQ SEARCH 10/609,150

Sean McGarry
 AU 1635
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 X20761
 73484

10/609,150

Please a score/length search of SEQ ID NO: 1. 50 nt and 80% cut off.

Please also a length limited search of SEQ ID NO: 2 and 3 (nt \leq 50).

Thank You

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 Searcher: SG
 Searcher Phone: 22504
 Date Searcher Picked up: 2/27/06
 Date completed: 2/27/06
 Searcher Prep Time: 5
 Online Time: +120

 Type of Search
 NA# AA#: _____
 S/L: Oligomer: _____
 Encode/Transl: _____
 Structure #: _____ Text: _____
 Inventor: _____ Litigation: _____

 Vendors and cost where applicable
 STN: _____
 DIALOG: _____
 QUESTEL/ORBIT: _____
 LEXIS/NEXIS: _____
 SEQUENCE SYSTEM:
 WWW/Internet: _____
 Other (Specify): _____

RESULT 8
 US-08-486-343A-5
 Sequence 5, Application US/08486343A
 Patent No. 6071695
 GENERAL INFORMATION:
 / APPLICANT: OZKAYNAK, ERGİN
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING
 / TITLE OF INVENTION: MORPHOGENIC PROTEIN EXPRESSION
 / NUMBER OF SEQUENCES: 7
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES
 / ADDRESS: INC.
 / STREET: 45 SOUTH STREET
 / CITY: HOPKINTON
 / STATE: MA
 / COUNTRY: USA
 / ZIP: 07148
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/486,343A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: PITCHER, Edmund R
 REGISTRATION NUMBER: 27,829
 REFERENCE/DOCKET NUMBER: CRP-091CP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)-248-7000
 TELEFAX: (617)-248-7100
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: 1..21
 OTHER INFORMATION: /note= "WT1/BGR HUMAN TCC BINDING
 OTHER INFORMATION: SITE"
 US-08-486-343A-5

Query Match 0.5%; Score 18.4%; DB 1; Length 21;
 Best Local Similarity 95.0%; Pred. No. 8.2;
 Matches 19; Conservative 0; Mismatches 1; Indels 0

Qy 3435 TCCCTCTCTCTCTCTCTCCCTC 3454
 Db 1 TCCCTCTCTCTCTCTCCCTC 20

RESULT 9
 PCT/US95-07349-5
 Sequence 5, Application PC/TUS9507349
 GENERAL INFORMATION:
 / APPLICANT: CREATIV BIOMOLECULES
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING
 / TITLE OF INVENTION: MORPHOGEN EXPRESSION
 / NUMBER OF SEQUENCES: 7
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES
 / ADDRESS: INC.
 / STREET: 45 SOUTH STREET
 / CITY: HOPKINTON
 / STATE: MA
 / COUNTRY: USA

ZIP: 07148
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/07349
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/938,021
 FILING DATE: 28-AUG-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: KELLEY, ROBIN D
 REFERENCE/DOCKET NUMBER: 34 637
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (508) -435-9001
 TELEFAX: (508) -435-0992
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1..21
 OTHER INFORMATION: /note= "WT1 HUMAN TCC BINDING SITE"
 PCT-US95/07349-5

Query Match 0.5%; Score 18.4%; DB 1; Length 21;
 Best Local Similarity 95.0%; Pred. No. 8 2;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 3435 TCCCTCCCTCTCTCCCTCCCTC 3454
 Db 1 TCCCTCCCTCTCTCCCTC 20

RESULT 10
 US 08-366-051B-26
 Sequence 26, Application US/08366051B
 Patent No. 5650283

GENERAL INFORMATION:
 APPLICANT: Bradfield, Christopher A.
 APPLICANT: Dolwick, Kristin M.
 APPLICANT: Carver, Lucy A.
 TITLE OF INVENTION: Ah Receptor cDNAs and Genetically
 Engineered Cells for Detecting Agonists to the Ah
 Receptor
 NUMBER OF SEQUENCES: 36
 CORRESPONDENCE ADDRESS:
 ADDRESS: Tilton, Fallon, Lungmus & Chestnut
 STREET: 100 South Wacker Drive, Suite 960
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606-4002

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/366, 051B
 FILING DATE:

CLASSIFICATION:
 REFERENCE/DOCKET NUMBER: NU-9207-CIP
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (312) -456-8000
 TELEFAX: (312) -456-7776
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA (genomic)
 US-08-366-051B-26

Query Match 0.4%; Score 17.8%; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 11;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 161 AGCTGCTTAATAATTATGCA 181
 Db 1 AGCTGCTTAATAATTAGCA 21

RESULT 11
 US-09-403-267-12
 Sequence 12, Application US/09403267
 Patent No. 6159710

GENERAL INFORMATION:
 APPLICANT: Wistar Institute of Anatomy, and Biology
 APPLICANT: Fraser, Nigel W.
 APPLICANT: Zabolotny, Janice M.
 APPLICANT: Krummenacher, Claude P.
 TITLE OF INVENTION: Method and Compositions for Stabilizing
 Unstable Gene Transcripts
 NUMBER OF SEQUENCES: 40
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Howson and Howson
 STREET: Spring House Corporate Ctr., P.O. Box 457
 CITY: Spring House
 STATE: Pennsylvania
 COUNTRY: USA
 ZIP: 19477

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/403-267
 FILING DATE:
 CLASSIFICATION:
 REFERENCE/DOCKET NUMBER: WST7BAPCT
 TELEPHONE: 215-540-9200
 TELEFAX: 215-540-5818
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "probe/primer Exon 2n"
 US-09-403-267-12

Query Match 0.4%; Score 17.8%; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 11;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-65

RESULT 12
; Sequence 15, Application US/08466265
; Patent No. 5712114
; GENERAL INFORMATION:
; APPLICANT: Hammill, Linda
; ADDRESSEE: Hammill, Linda
; TITLE OF INVENTION: Compositions for Expression of Proteins in Host Cells Using a Proprocollagen Signal Sequence
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, Suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,265
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Deconti, Giulio A., Jr.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: BBI-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-7941
; INFORMATION FOR SEQ ID NO: 15:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; US-08-466-265-15

Query Match 0.4%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 13;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3435 TCCCTCCCTCTCTCCCTCG 3455
Db 1 TCCCTGCCCTCCCTCG 21

RESULT 13
; Sequence 65, Application US/09702327
; Patent No. 6126220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowpert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RITS-0097
; CURRENT APPLICATION NUMBER: US/09/702-327
; CURRENT FILING DATE: 2000-10-30
; SEQ ID NO 65
; LENGTH: 20
; ORGANISM: Artificial Sequence

Query Match 0.4%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 13;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3436 CCTCCCTCCCTCCCTCCTC 3454
Db 21 CCTCCCTCCCTCCCTCCTC 3

RESULT 15
; Sequence 53, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassan, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-5321
; INFORMATION FOR SEQ ID NO: 41:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-6394-41

Query Match 0.4%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 13;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3436 CCTCCCTCCCTCCCTCCTC 3454
Db 21 CCTCCCTCCCTCCCTCCTC 3

APPLICANT: Caskey, C. T.
 TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
 NUMBER OF SEQUENCES: 95
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sheldon & Mak
 STREET: 225 South Lake Avenue, 9th Floor
 CITY: Pasadena
 STATE: CA
 COUNTRY: USA
 ZIP: 91101
 COMPUTER READABLE FORM:
 MEDIUM/TYPE: Diskette, 3.50 inch, 1.44 Mb storage
 COMPUTER: IBM compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: Corel WordPerfect 8 version
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/863,639A
 FILING DATE: May 28, 1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Joseph E. Mueh
 REGISTRATION NUMBER: 20,532
 REFERENCE DOCKET NUMBER: 111859-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (626) 795-4000
 TELEFAX: (626) 795-6321
 INFORMATION FOR SEQ ID NO: 53:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Other nucleic acid

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Query Match 0.4%; Score 17.4; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 13;
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
SEQ 1313 GTTGAAATTGATTCAATTATGG 1333
DB 1 GTGAAATTGATTATATGG 21

RESULT 17
US-09-657-472-1749
; Sequence 1749, Application US/09657472
; Patent No. 6727053
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolt, Stacey
; APPLICANT: Daley, George Q.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 1749
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-1749

Query Match 0.4%; Score 17; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 15;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
SEQ 1084 AGTGAAGAGAGAGAGACA 1102
DB 1 AGTGAAGATGAGAGAGACA 19

RESULT 18
US-09-653-333-127/C
; Sequence 127, Application US/09693333
; Patent No. 6934636
; GENERAL INFORMATION:
; APPLICANT: Skierczyński, Bogusław A.
; APPLICANT: Schor, Nicholas J.
; TITLE OF INVENTION: Methods of Genetic Cluster Analysis and Uses Thereof
; FILE REFERENCE: 73 US3. REG
; CURRENT APPLICATION NUMBER: US/09/653,333
; PRIOR APPLICATION NUMBER: US 60/161,231
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: US 60/216,897
; PRIOR FILING DATE: 2000-07-07
; NUMBER OF SEQ ID NOS: 189
; SOFTWARE: Patent.prm
; SEQ ID NO: 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE: primer_bind
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 10-102 for SEQ 1, in comp
US-09-653-333-127

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Query Match 0.4%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 18;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 SEQ ID NO: 11796
 LENGTH: 18

RESULT 19
 US-08-426-792-2
 / Sequence 2, Application US/08426792
 / Patent No. 5733541
 / GENERAL INFORMATION:
 / APPLICANT: Taichman, Russell S.
 / TITLE OF INVENTION: Hematopoietic Cells: Compositions and
 / METHODS OF USE
 / NUMBER OF SEQUENCES: 28
 / ADDRESS/PHONE ADDRESS:
 / ADDRESSEE: Arnold, White & Durkee
 / STREET: P.O. Box 4433
 / CITY: Houston
 / STATE: Texas
 / COUNTRY: USA
 / ZIP: 77210

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/426,792
 FILING DATE: 21-APR-1995
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: Parker, David L.
 REGISTRATION NUMBER: 3,2,165
 REFERENCE/DOCKET NUMBER: UMICO10---
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (512) 418-3000
 TELEFAX: (512) 474-7577
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)

Query Match 0.4%; Score 16.8; DB 1; Length 21;
 Best Local Similarity 90.0%; Pred. No. 17;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 SEQ ID NO: 11796
 LENGTH: 21

RESULT 20
 US-08-426-792-2
 / Sequence 5815, Application US/09422971
 / Patent No. 6537751
 / GENERAL INFORMATION:
 / APPLICANT: Cohen, Daniel
 / APPLICANT: Blumenfeld, Marta
 / TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 / FILE REFERENCE: GENSET.020CP1
 / CURRENT APPLICATION NUMBER: US/09/422,978
 / CURRENT FILING DATE: 1999-10-20
 / EARLIER APPLICATION NUMBER: US 09/298,850

Query Match 0.4%; Score 16.4; DB 1; Length 20;
 Best Local Similarity 94.4%; Pred. No. 21;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 SEQ ID NO: 1610
 LENGTH: 20

Query Match 0.4%; Score 16.4; DB 1; Length 20;
 Best Local Similarity 94.4%; Pred. No. 21;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 SEQ ID NO: 19
 LENGTH: 20

RESULT 22
 US-09-357-070-24
 Sequence 24, Application US/09357070
 GENERAL INFORMATION:
 Patent No. 6046049
 APPLICANT: Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE PI10 DELTA EXPRESSION
 FILE REFERENCE: RTS-0076
 CURRENT APPLICATION NUMBER: US/09/357,070
 CURRENT FILING DATE: 1999-07-19
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 24
 LENGTH: 20

TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE: OTHER INFORMATION: Antisense Oligonucleotide

US-09-357-070-24

Query Match 0.4%; Score 16.4%; DB 1; Length 20;
 Best Local Similarity 94.4%; Pred. No. 21;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3437 CTCCCTCCCTCCCTCCCTC 3454
 Db 1 CTCCCTCCCTCCCTCCCTC 18

RESULT 25
 US-09-651-011A-19
 Sequence 19, Application US/09651011A
 Patent No. 6346416
 GENERAL INFORMATION:
 APPLICANT: Nicholas M. Dean
 TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
 FILE REFERENCE: RTS-0168
 CURRENT APPLICATION NUMBER: US/09/651,011A
 CURRENT FILING DATE: 2000-08-29
 NUMBER OF SEQ ID NOS: 49

SEQ ID NO 19
 LENGTH: 20

TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE: OTHER INFORMATION: Antisense Oligonucleotide

US-09-651-011A-19

Query Match 0.4%; Score 16.4%; DB 1; Length 20;
 Best Local Similarity 94.4%; Pred. No. 21;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3434 TTCCCTCCCTCCCTCC 3451
 Db 3 TTCCCTCCCTCCCTCC 20

RESULT 26
 US-09-780-172A-93/C
 Sequence 93, Application US/09780173A
 Patent No. 6455107
 GENERAL INFORMATION:
 APPLICANT: Lex M. Cowert
 TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
 FILE REFERENCE: RTS-0109
 CURRENT APPLICATION NUMBER: US/09/433,699B
 CURRENT FILING DATE: 1999-11-03
 NUMBER OF SEQ ID NOS: 89
 SEQ ID NO 44
 LENGTH: 20

TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE: OTHER INFORMATION: Antisense Oligonucleotide

US-09-433-699-44

Query Match 0.4%; Score 16.4%; DB 1; Length 20;
 Best Local Similarity 94.4%; Pred. No. 21;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3434 TTCCCTCCCTCCCTCC 3451
 Db 3 TTCCCTCCCTCCCTCC 20

RESULT 24
 US-09-490-692-153
 Sequence 153, Application US/09490692
 Patent No. 6180353
 GENERAL INFORMATION:
 APPLICANT: Nicholas M. Dean
 TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
 FILE REFERENCE: RTS-0120
 CURRENT APPLICATION NUMBER: US/09/430,692
 CURRENT FILING DATE: 2000-01-24
 NUMBER OF SEQ ID NOS: 176
 SEQ ID NO 20
 LENGTH: 20

Query Match 0.4%; Score 16.4%; DB 1; Length 20;
 Best Local Similarity 94.4%; Pred. No. 21;
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3435 TCCCTCCCTCCCTCC 3452
 Db 20 TCCCTCCCTCCCTCC 3

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RESULT 27
; Sequence 397, Application US/09792024
; Patent No. 6783985
; GENERAL INFORMATION:
; APPLICANT: Roemer, Terry
; APPLICANT: Jiang, Bo
; APPLICANT: Boone, Charles
; APPLICANT: Bubsey, Howard
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug
; FILE REFERENCE: 10182-004-939
; CURRENT APPLICATION NUMBER: US/09/792,024
; CURRENT FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 490
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 397
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer
US-09-792-024-397

Query Match          0.4%;  Score 16.4;  DB 1;  Length 20;
Best Local Similarity 94.4%;  Pred. No. 21;
Matches 17;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;
Qy   3437 CTCTCTCTCTCTCTCCCTCCCTCCCTC 3454
Db   20 CTCTCTCTCTCCCTCCCTCCCTC 3

RESULT 28
; Sequence 3459, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124, 407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 3459
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3459

Query Match          0.4%;  Score 15.8;  DB 1;  Length 19;
Best Local Similarity 89.5%;  Pred. No. 29;
Matches 17;  Conservative 0;  Mismatches 2;  Indels 0;  Gaps 0;
Qy   1444 ACTAGTGCAGATAACAGT 1462
Db   19 ACTAGTGCAGATAACAGT 1

RESULT 29
; Sequence 3848, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124, 407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 3848
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3848

Query Match          0.4%;  Score 15.8;  DB 1;  Length 19;
Best Local Similarity 89.5%;  Pred. No. 29;
Matches 17;  Conservative 0;  Mismatches 2;  Indels 0;  Gaps 0;
Qy   2831 ATTTTTAAAGAAAGGG 2849
Db   19 ATTTTTAAAGAAAGGG 1

RESULT 30
; Sequence 3124A-198
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; APPLICANT: Draper, Kenneth
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/152,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE DOCKET NUMBER: 1209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 198:
; LENGTH: 17 base pairs
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124, 407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 3124A-198
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3124A-198

```


LOCATION: 1..19
 OTHER INFORMATION: potential microsequencing oligo for 4-50-293.mis2
 US-09-218-207-522

Query Match 0..4%; Score 15..4; DB 1; Length 19;
 Best Local Similarity 94..1%; Pred. No. 34;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 SEQ ID: 2299 GGACAGTTCGAACTT 2315
 Db 19 GGACAGTTCGAACTT 3

RESULT 34
 US-09-636-791-3849/C
 Sequence 3849, Application US/09696791
 Patent No. 6770633
 GENERAL INFORMATION:
 APPLICANT: Robbins, Joan M.
 ATTORNEY: Tritz, Richard
 TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
 TITLE OF INVENTION: SKIN AND EYE DISEASES
 FILE REFERENCE: 480124..07
 CURRENT APPLICATION NUMBER: US/09/696,791
 CURRENT FILING DATE: 2000-10-25
 NUMBER OF SEQ ID NOS: 4123
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3849
 LENGTH: 19
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: Cdc25 hs ribozyme binding site
 US-09-696-791-3849

Query Match 0..4%; Score 15..4; DB 1; Length 19;
 Best Local Similarity 94..1%; Pred. No. 34;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 SEQ ID: 2831 ATTTCATTCAGAGAG 2847
 Db 18 ATTTCATTCAGAGAG 2

RESULT 35
 US-09-636-791-3850/C
 Sequence 3850, Application US/09696791
 Patent No. 6770633
 GENERAL INFORMATION:
 APPLICANT: Robbins, Joan M.
 ATTORNEY: Tritz, Richard
 TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
 TITLE OF INVENTION: SKIN AND EYE DISEASES
 FILE REFERENCE: 480124..407
 CURRENT APPLICATION NUMBER: US/09/696,791
 CURRENT FILING DATE: 2000-10-25
 NUMBER OF SEQ ID NOS: 4523
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3850
 LENGTH: 19
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: Cdc25 hs ribozyme binding site
 US-09-696-791-3850

Query Match 0..4%; Score 15..4; DB 1; Length 19;
 Best Local Similarity 94..1%; Pred. No. 34;
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 SEQ ID: 2831 ATTTCATTCAGAGAG 2847
 Db 17 ATTTCATTCAGAGAG 1

RESULT 36
 US-09-289-377-25/C
 Sequence 25, Application US/09289377
 Patent No. 6046321
 GENERAL INFORMATION:
 APPLICANT: Lex M. Cowpert
 TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-II EXPRESSION
 FILE REFERENCE: RTS-0058
 CURRENT APPLICATION NUMBER: US/09/289,377
 CURRENT FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 47
 SEQ ID: NO 25
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-289-377-25

Query Match 0..4%; Score 14..8; DB 1; Length 18;
 Best Local Similarity 88..9%; Pred. No. 46;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 SEQ ID: 1897 TGTAAACCAGGAATG 1914
 Db 18 TGTAAACTACAGGAATG 1

RESULT 37
 US-09-289-377-46
 Sequence 46, Application US/09289377
 Patent No. 6046321
 GENERAL INFORMATION:
 APPLICANT: Lex M. Cowpert
 TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-II EXPRESSION
 FILE REFERENCE: RTS-0058
 CURRENT APPLICATION NUMBER: US/09/289,377
 CURRENT FILING DATE: 1999-04-09
 NUMBER OF SEQ ID NOS: 47
 SEQ ID: NO 46
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-289-377-46

Query Match 0..4%; Score 14..8; DB 1; Length 18;
 Best Local Similarity 88..9%; Pred. No. 46;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 SEQ ID: 915 TCATGAACTTCGATAAA 932
 Db 1 TTAGAACATTTCGATAAA 18

RESULT 38
 US-09-630-706-67
 Sequence 67, Application US/09630706
 Patent No. 6277640
 GENERAL INFORMATION:
 APPLICANT: C. Frank Bennett
 ATTORNEY: Lex M. Cowpert
 TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
 FILE REFERENCE: RTS-0053
 CURRENT APPLICATION NUMBER: US/09/630,706
 CURRENT FILING DATE: 2000-08-01
 NUMBER OF SEQ ID NOS: 94
 SEQ ID: NO 67
 LENGTH: 18
 TYPE: DNA

ORGANISM: Artificial Sequence
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-630-706-7

Query Match Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 46;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2200 ATCATTGGAGAAAGAG 2217
 Db 1 ATCATTGGAGCCAGCAG 18

RESULT 39
 US-09-422-978-9994
 Sequence 9994, Application US/09422978
 Patent No. 6337751
 GENERAL INFORMATION:
 APPLICANT: Cohen, Daniel
 APPLICANT: Blumenfeld, Marita
 APPLICANT: Chumakov, Ilya
 TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
 FILE REFERENCE: GENSET 020CP1
 CURRENT APPLICATION NUMBER: US/09/422,978
 CURRENT FILING DATE: 1999-10-20
 EARLIER APPLICATION NUMBER: US 09/298,850
 EARLIER FILING DATE: 1999-04-21
 EARLIER APPLICATION NUMBER: US 60/109,732
 EARLIER FILING DATE: 1998-11-23
 EARLIER APPLICATION NUMBER: US 60/082,614
 EARLIER FILING DATE: 1998-04-21
 NUMBER OF SEQ ID NOS: 11796
 SEQ ID NO: 9994
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Homo Sapiens
 FEATURE:
 NAME/KEY: primer_bind
 LOCATION: 1..18
 OTHER INFORMATION: downstream amplification primer 99-8665 for SEQ 2129, in compleme

US-09-422-978-9994

Query Match Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 46;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2282 GGCATATCGAAACAG 2299
 Db 1 GGATACCGAAACAG 18

RESULT 40
 US-08-366-051B-26/C
 Sequence 26, Application US/08366051B
 Patent No. 5650283
 GENERAL INFORMATION:
 APPLICANT: Bradfield, Christopher A.
 APPLICANT: Dolwick, Kristin M.
 APPLICANT: Carver, Lucy A.
 TITLE OF INVENTION: Ah Receptor cDNAs and Genetically Engineered Cells for Detecting Agonists to the Ah Receptor
 TITLE OF INVENTION: Receptor
 NUMBER OF SEQUENCES: 36
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Tilton, Fallon, Lungmus & Chestnut
 STREET: 100 South Wacker Drive, Suite 960
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606-4002
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

RESULT 41
 US-08-715-593-7/C
 Sequence 7, Application US/087159593
 Patent No. 5741706
 GENERAL INFORMATION:
 APPLICANT: Leavitt, Markley Carl.
 APPLICANT: Duarte, Elizabeth
 APPLICANT: Trittz, Richard
 APPLICANT: Barber, Jack R.
 APPLICANT: Yu, Mang
 TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes
 NUMBER OF SEQUENCES: 35
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/719,593
 FILING DATE: No. 5741706 yet assigned
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Weber, Kenneth A.
 REGISTRATION NUMBER: 31,677
 REFERENCE/DOCKET NUMBER: 016556-000810US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: RNA (genomic)
 FEATURE: -
 NAME/KEY: -
 LOCATION: 1..16
 OTHER INFORMATION: /note= "HIV target sequence for vif
 OTHER INFORMATION: ribozyme 5251 target site"
 US-08-719-593-7

Query Match Score 14.4%; Pred. No. 61;
 Best Local Similarity 93.8%; Mismatches 1;
 Matches 15; Conservative 0; Indels 1;
 OTHER INFORMATION: 5251 target site

Qy 1844 TGATATGCAGATCCAA 1859
 Db 16 TGATATGCAGACCCAA 1

RESULT 42
 US-08-713-124A-1172
 Sequence 172, Application US/08373124A
 Patent No. 5646012
 GENERAL INFORMATION:
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Draper, Kenneth
 / APPLICANT: McSwigan, James
 / APPLICANT: Jarvis, Thale
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 / TREATMENT OF RESTENOSIS AND
 / TREATMENT OF RESTENOSIS AND
 / CANCER USING RIBOZYMES
 / NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 172:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 US-08-713-124A-172

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 555-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1865:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-1865

Query Match 0.4%; Score 14.4; DB 1;
 Best Local Similarity 56.2%; Pred. No. 57;
 Matches 9; Conservative 6; Mismatches 1;
 QY 2830 GATTTTTAAAGAA 2845
 Db 1 GAUTUUTAAAGAAA 16

RESULT 46
 US-08-373-124A-2397
 ; Sequence 2397, Application US/08/373,124A
 ; Patent No. 5,646,042
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California

Page 16

COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,122
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 08/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 2397:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 -08-373-124A-2397

Query Match 0.4%; Score 14.4%
 Best Local Similarity 68.8%; Pred. No. 5
 Matches 11; Conservative 4; Mismatch 1

1483 AGAAAAATACAAATT 1498
 1 AGAAAAAUAACAUUU 16

RESULT 47
 -08-435-628-172
 Sequence 172, Application US/08435628
 Patent No. 5,817,956
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS OF INVENTION
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1865:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 -0-435-628-1865

Query Match 0.4%; Score 14.4%; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 57;
 Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0

Query 1483 AGGAAAATACAAATT 1498
 Db 1 AGGAAAATACAAATT 16

RESULT 52
 US-08-584-040-6039/c
 Sequence 6039, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Juane
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 CONDITIONS RELATED TO
 VASCULAR ENDOTHELIAL
 LEVELS
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REFERENCE/DOCKET NUMBER: 327
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: (213) 955-0440
 INFORMATION FOR SEQ ID NO: 2397
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 -0-435-628-2397

Query Match 0.4%; Score 14.4%; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 57;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0

Query 1483 AGGAAAATACAAATT 1498
 Db 1 AGGAAAATACAAATT 16

RESULT 52
 US-08-584-040-6039/c
 Sequence 6039, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Juane
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 CONDITIONS RELATED TO
 VASCULAR ENDOTHELIAL
 LEVELS
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 6039:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 -0-435-628-2397

Query Match 0.4%; Score 14.4%; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 57;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0

Query 1483 AGGAAAATACAAATT 1498
 Db 1 AGGAAAATACAAATT 16

RESULT 52
 US-08-584-040-6039/c
 Sequence 6039, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Juane
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 CONDITIONS RELATED TO
 VASCULAR ENDOTHELIAL
 LEVELS
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 2397
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 -0-435-628-2397

LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7971

Query Match 0.4%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 57;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1939 GAAATTCCAGGCCAG 1954
 Db 2 GAAAATCCAGGCCAG 17

RESULT 57
 US-09-866-108A-7972 Application US/09866108A
 Patent No. 6686188

GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang G.
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEONICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aeomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 7972
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7972

Query Match 0.4%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 57;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1939 GAAATTCCAGGCCAG 1954
 Db 1 GAAAATCCAGGCCAG 16

RESULT 58
 US-09-866-108A-10396 Application US/09866108A
 Patent No. 6686188

GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang G.
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEONICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aeomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 10395
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-10395

Query Match 0.4%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 57;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3854 CTATCCCTCCAGCTC 3869
 Db 2 CTATCCCTCCGGCTC 17

RESULT 59
 US-09-866-108A-10396
 Sequence 10396, Application US/09866108A
 Patent No. 6686188

GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang G.
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEONICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27

COUNTRY: United States Of America
 ZIP: 94104
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/311,212
 FILING DATE: 08-Feb-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/US97/01072
 FILING DATE: 21-JAN-1997
 APPLICATION NUMBER: US 08/759,038
 FILING DATE: 02-DEC-1996
 APPLICATION NUMBER: US 08/758,314
 FILING DATE: 02-DEC-1996
 APPLICATION NUMBER: US 08/756,386
 FILING DATE: 29-NOV-1996
 APPLICATION NUMBER: US 08/662,853
 FILING DATE: 12-JUL-1996
 APPLICATION NUMBER: US 08/599,491
 FILING DATE: 24-JAN-1996
 APPLICATION NUMBER: US 08/823,516
 FILING DATE: 24-MAR-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: MacKnight, Kamrin T.
 REGISTRATION NUMBER: 38,230
 REFERENCE/DOCKET NUMBER: FORS-03295
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 705-8410
 TELEFAX: (415) 397-8338
 INFORMATION FOR SEQ ID NO: 161:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "DNA"
 FEATURE:
 LOCATION: 1
 OTHER INFORMATION: /note= "The residue at this position contains a fluorescein label."
 SEQUENCE DESCRIPTION: SEQ ID NO: 161:
 US-09-381-212-161

Query Match 0.4%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 54;
 Matches 15; Conservative 0; Mismatches 0; Gaps 0;
 Qy 3434 TTCCCTCTCTCTCTCC 3449
 Db 3 TCCCTCTCTCTCC 18

RESULT 67
 US-09-713-601A-161
 / Sequence 161, Application US/09713601A
 / GENERAL INFORMATION:
 / APPLICANT: Agarwal, Poonam
 / APPLICANT: Aizenstein, Brian
 / APPLICANT: Arco, David
 / APPLICANT: Ariles, Myrtah
 / APPLICANT: Burris, Deborah
 / APPLICANT: de Arruda Indig, Monika
 / APPLICANT: Law, Scott
 / APPLICANT: Mast, Andrea
 / APPLICANT: Marshall, David
 / APPLICANT: Miller, Carolyn

APPLICANT: Oldenberg, Mary
 APPLICANT: Rasmussen, Eric
 APPLICANT: Schneiders, Jennifer
 / TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
 / FILE REFERENCE: FORS-04905
 / CURRENT APPLICATION NUMBER: US/09/713,601A
 / CURRENT FILING DATE: 2000-11-15
 / PRIOR APPLICATION NUMBER: 09/350,309
 / PRIOR FILING DATE: 1999-07-09
 / PRIOR APPLICATION NUMBER: 09/381,212
 / PRIOR FILING DATE: 2000-02-08
 / PRIOR APPLICATION NUMBER: 08/823,516
 / PRIOR FILING DATE: 1997-03-24
 / PRIOR APPLICATION NUMBER: 08/759,038
 / PRIOR FILING DATE: 1996-12-02
 / PRIOR APPLICATION NUMBER: 08/756,386
 / PRIOR FILING DATE: 1996-11-16
 / PRIOR APPLICATION NUMBER: 08/682,853
 / PRIOR FILING DATE: 1996-07-12
 / PRIOR APPLICATION NUMBER: 08/599,491
 / PRIOR FILING DATE: 1996-01-24
 / NUMBER OF SEQ ID NOS: 253
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO: 161
 / LENGTH: 18
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Synthetic
 / NAME/KEY: misc_difference
 / LOCATION: (1)-(1)
 / OTHER INFORMATION: The residue at this position contains a fluorescein label.
 US-09-713-601A-161

Query Match 0.4%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 54;
 Matches 15; Conservative 0; Mismatches 1; Gaps 0;
 Qy 3434 TTCCCTCTCTCTCC 3449
 Db 3 TCCCTCTCTCC 18

RESULT 68
 US-09-584-040-7890/c
 / Sequence 7890, Application US/09584040
 / GENERAL INFORMATION:
 / PATENT NO. 6346398
 / APPLICANT: Recobedo, Jaime
 / APPLICANT: Pavco, Pamela
 / APPLICANT: Moeswigen, James
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Escobedo, Jaime
 / TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 / METHOD OF INVENTION: METHOD AND REAGENT FOR THE
 / TITLE OF INVENTION: CONDITIONS OF DISEASES OR
 / CONDITIONS RELATED TO LEVELS
 / TITLE OF INVENTION: CONDITIONS OF DISEASES OR
 / CONDITIONS RELATED TO LEVELS
 / TITLE OF INVENTION: GROWTH FACTOR
 / NUMBER OF SEQUENCES: 8502
 / CORRESPONDENCE ADDRESS:
 / ADDRESS: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071-2066
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: (213) 955-0440
 TELEX: 67-3510
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-584-040-7890

RESULT 69
 US-08-584-040-7891/C
 Sequence 7891, Application US/08584040
 Patent No. 6346398

GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR

NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 613 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 7891:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-584-040-7891

Query Match 0.4%; Score 14; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 68;
 Matches 14; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy. 2847 GGGAAAGATTAA 2860
 Db 14 GGGAAAGATTAA 1

RESULT 70
 US-09-371-772B-3673/C
 Sequence 3673, Application US/09371772B
 Patent No. 6566127

GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions F

CURRENT APPLICATION NUMBER: US/09/371-772B
 CURRENT FILING DATE: 1999-08-10
 PRIORITY APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26
 PRIORITY APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08
 NUMBER OF SEQ ID NOS: 14225
 FILE REFERENCE: MBHB00, 876-J (237/198)

SOFTWARE: PatentIn version 3.0
 SEQ ID NO 3673

LENGTH: 17
 TYPE: RNA
 ORGANISM: Mus sp.

US-09-371-772B-3673

Query Match 0.4%; Score 14; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 68;
 Matches 14; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy. 2847 GGGAAAGATTAA 2860
 Db 16 GGGAAAGATTAA 3

RESULT 71
 US-09-371-772B-3674/C
 Sequence 3674, Application US/09371772B
 Patent No. 6566127

GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

CURRENT APPLICATION NUMBER: US/09/371-772B
 CURRENT FILING DATE: 1999-08-10
 PRIORITY APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26
 PRIORITY APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08
 NUMBER OF SEQ ID NOS: 14225
 SOFTWARE: Patentin version 3.0
 SEQ ID NO: 3674
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Mus musculus
 SEQ ID NO: 371-772B-3674
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Mus musculus
 SEQ ID NO: 364B-3674

Query Match 0.4%; Score 14; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 68;
 Matches 14; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 2847 GGGAAAGATTAA 2860
 Db 14 GGGAAAGATTAA 1

RESULT 72
 US-09-685-664B-3673/C
 Sequence 3673, Application US/09685664B

GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relate
 TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relate
 FILE REFERENCE: MBHB00-876-K (400/021)
 CURRENT APPLICATION NUMBER: US/09/685,664B
 CURRENT FILING DATE: 2000-10-10
 PRIOR APPLICATION NUMBER: US 60/005,974
 PRIOR FILING DATE: 1995-10-26
 PRIOR APPLICATION NUMBER: US 08/584,040
 PRIOR FILING DATE: 1996-01-08
 PRIOR APPLICATION NUMBER: US 09/371,772
 PRIOR FILING DATE: 1999-08-10
 NUMBER OF SEQ ID NOS: 8231
 SOFTWARE: Patentin version 3.0
 SEQ ID NO: 3673
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Mus musculus
 SEQ ID NO: 364B-3673

Query Match 0.4%; Score 14; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 68;
 Matches 14; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 2847 GGGAAAGATTAA 2860
 Db 16 GGGAAAGATTAA 3

RESULT 73
 US-09-685-664B-3674/C
 Sequence 3674, Application US/09685664B
 Patent No. 6818447
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relate
 TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relate
 FILE REFERENCE: MBHB00-876-K (400/021)
 CURRENT APPLICATION NUMBER: US/09/685,664B
 CURRENT FILING DATE: 2000-10-10
 PRIOR APPLICATION NUMBER: US 60/005,974
 PRIOR FILING DATE: 1995-10-26
 PRIOR APPLICATION NUMBER: US 08/584,040
 PRIOR FILING DATE: 1996-01-08
 PRIOR APPLICATION NUMBER: US 09/371,772
 PRIOR FILING DATE: 1999-08-10
 NUMBER OF SEQ ID NOS: 8231
 SOFTWARE: Patentin version 3.0
 SEQ ID NO: 3674
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Mus musculus
 SEQ ID NO: 3674

Query Match 0.4%; Score 14; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 68;
 Matches 14; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 2847 GGGAAAGATTAA 2860
 Db 14 GGGAAAGATTAA 1

RESULT 74
 US-08-390-850-470/C
 Sequence 470, Application US/08390850
 Patent No. 5612215
 GENERAL INFORMATION:
 APPLICANT: Draper, Kenneth G.
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: GiustoEson, John
 APPLICANT: Stinchcomb, Dan T.
 TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
 NUMBER OF SEQUENCES: 1151
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/390,850
 FILING DATE: February 17, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/354,920
 FILING DATE: December 13, 1994
 APPLICATION NUMBER: 0/152,487
 FILING DATE: No. 5612215ember 12, 1993
 APPLICATION NUMBER: 07/989,848
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 22,327
 REFERENCE/DOCKET NUMBER: 211/084
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELE: 67-3510
 INFORMATION FOR SEQ ID NO: 470:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17, base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-390-850-470

RESULT 75

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0

Qy 2435 AGAAATAAAATCTCCA 2451
 Db 17 AGGAGATAAAATCTCCA 1

RESULT 75

US-08-390-850-471/c

Sequence 471, Application US/083908850

GENERAL INFORMATION:

Patent No. 5612215

APPLICANT: Draper, Kenneth G.

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Gustofson, John

APPLICANT: Strinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
 OF INVENTION: OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 11151

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/390,850

FILING DATE: February 17, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/354,920

FILING DATE: December 13, 1994

APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5612215ember 12, 1993

APPLICATION NUMBER: 07/989,848

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warberg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 211/084

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 471:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-390-850-471

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0

Qy 2434 AAAGAATAAAATCTCC 2450
 Db 17 AAGGAGATAAAATCTCC 1

RESULT 76

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 NUMBER OF INVENTION: CANCER USING RIBOZYMES
 CORRESPONDENCE ADDRESS: 2627
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90011
 COMPUTER READABLE FORM.
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REGISTRATION NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 176:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: Single
 TOPOLOGY: linear
 -08-373-124A-176

Inquiries Match 0.3%; Score 13.8; DB 1;
 Least Local Similarity 47.1%; Pred. No. 73;
 matches 8; Conservative 7; Mismatches 2;
 3434 TTCCCTCTCCCTCTCCCT 3450
 :|:|:|:|:|:|:|:
 1 TCCCTCCCTCCCTCCCT 17

SEQ ID NO: 08-373-124A-178
 Sequence 178 Application US/08373124A
 Patent No. 5646042

GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESS: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.

COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373-124A-
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32-3227
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 178:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-178

Query Match 0.3% Score 13.8
 Best Local Similarity 52.9% Pred. No.
 Matches 9; Conservative 6; Mismatches 0

Qy 3437 CTCTCCCTCTCCCT 3453
 Db 1 cuccuccuccuccuccu 17

RESULT 79 US-08-373-124A-180
 Sequence 180, Application US/08373124A
 Patent No. 5,646,042
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATMENT OF RESTING CANCER USING RIBOZ
 TITLE OF INVENTION: CANCER USING RIBOZ
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 180:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-180

Query Match Score 13 8; DB 1; Length 17;
 Best Local Similarity 52.9%; Pred. No 73;
 Matches 9; Conservative 6; Mismatches 2;
 Indels 0; Gaps 0;

RESULT 80
 US-08-373-124A-182
 Sequence 182, Application US/08373124A
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CURRENT APPLICATION DATA:
 ADDRESS SEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

CURRENT APPLICATION DATA:
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 182:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-182

Query Match Score 0.3%; DB 9; Length 17;
 Best Local Similarity 52.9%; Pred. No 73;
 Matches 9; Conservative 5; Mismatches 2;
 Indels 0; Gaps 0;

RESULT 81
 US-08-373-124A-184
 Sequence 184, Application US/08373124A
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CURRENT APPLICATION DATA:
 COMPUTER READABLE FORM:
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: (213) 955-0440

TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 184:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-184

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 52.9%; Pred. No. 73;
 Matches 9; Conservative 6; Mismatches 2;
 Indels 0; Gaps 0;

Qy 34377 CTCCTCTCTCTCTCTCCCT 3453
 Db 1 CTCCTCTCTCTCTCTCCU 17

RESULT 82
 US-08-373-124A-510
 / Sequence 510, Application US/08373124A
 / Patent No. 5646042
 / GENERAL INFORMATION:
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Draper, Kenneth
 / APPLICANT: McSwiggen, James
 / APPLICANT: Jarvis, Thale
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 / TREATMENT OF RESTENOSIS AND
 / CANCER USING RIBOZYMES
 / NUMBER OF SEQUENCES: 2627
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Lyon & Lyon
 / STREET: 631 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/373-124A
 / FILING DATE: January 13, 1995
 / PRIORITY APPLICATION DATA:
 / APPLICATION NUMBER: 08/245,466
 / FILING DATE: May 18, 1994
 / PRIORITY APPLICATION DATA:
 / APPLICATION NUMBER: 08/192,943
 / FILING DATE: February 7, 1994
 / PRIORITY APPLICATION DATA:
 / APPLICATION NUMBER: 07/987,132
 / FILING DATE: December 7, 1992
 / PRIORITY APPLICATION DATA:
 / APPLICATION NUMBER: 07/936,422
 / FILING DATE: August 26, 1992
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Warburg, Richard
 / REGISTRATION NUMBER: 32,327
 / REFERENCE/DOCKET NUMBER: 209/035
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEFAX: (213) 955-0440
 / TELEX: 67-3510
 / INFORMATION FOR SEQ ID NO: 788:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 17 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / US-08-373-124A-788

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 52.9%; Pred. No. 73;
 Matches 9; Conservative 6; Mismatches 2;
 Indels 0; Gaps 0;

Qy 2830 GATTTTAAAGAAA 2846
 Db 1 GATTTTAAAGAAA 17

RESULT 84
US-08-1244-1096/c
Sequence 1096, Application US/08373124A
Patent No. 5,646,042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND TREATMENT OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373, 124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245, 466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192, 943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987, 132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986, 422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32, 327
REFERENCE/DOCKET NUMBER: 211/084

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 1096:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-1096

Query Match Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 3977 AAATGAGAAACTCC 3993
Db 17 AAATGAGAACTCC 1

RESULT 86

Query Match Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2435 AGAGATAAATCTCCA 2451
Db 17 AGAGATAAATCTCCA 1

US-08-435-634-470/c

Sequence 470, Application US/08435634
Patent No. 5,731,295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435, 634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIORITY NUMBER: 08/390, 850
APPLICATION NUMBER: 08/354, 920
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/152, 487
FILING DATE: NO. 5731296, September 12, 1993
APPLICATION NUMBER: 07/989, 848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32, 327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 470:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-435-634-471/c

Sequence 471, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435, 634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIORITY NUMBER: 08/390, 850
APPLICATION NUMBER: 08/354, 920
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/152, 487
FILING DATE: NO. 5731296, September 12, 1993
APPLICATION NUMBER: 07/989, 848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32, 327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 470:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FASTSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,634
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/390,850
 FILING DATE: FEBRUARY 17, 1995
 APPLICATION NUMBER: 08/351,920
 FILING DATE: DECEMBER 13, 1994
 APPLICATION NUMBER: 08/152,487
 FILING DATE: NO. 5731295ember 12, 1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 211/084
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 471:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDBNESS: single
 TOPOLOGY: linear
 US-08-435-634-471

Qry AAAGAAATAAAATTCTCC 2450
 Db 17 AAAGGAATAAAATCTCC 1

RESULT 87
 US-08-435-628-174
 ; Sequence 174, Application US/08435628
 ; Patent No. 5817796

GENERAL INFORMATION
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 178:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-178

Query Match 0.3%; Score 13.8%; DB 1; Length 17;
 Best Local Similarity 47.1%; Pred. No. 73;
 Matches 8; Conservative 7; Mismatches 2;
 Indels 0; Gaps 0;

RESULT 90
 US-08-435-628-180
 Sequence 180; Application US/08435628
 Patent No. 5817796

GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 08/435,628
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1610
 TELEX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 180:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-180

Query Match 0.3% Score 13.8; DB 1; Length 17;
 Best Local Similarity 52.9%; Pred. No. 73;
 Matches 9; Conservative 6; Mismatches 2;
 Gaps 0;

RESULT 91
 US-08-435-628-182
 / Sequence 182, Application US/08435628
 / Patent No. 5817796
 / GENERAL INFORMATION:
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Draper, Kenneth
 / APPLICANT: McSwiggen, James
 / APPLICANT: Jarvis, Thale
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 / TREATMENT OF RESTENOSIS AND
 / TITLE OF INVENTION: CANCER USING RIBOZYMES
 / NUMBER OF SEQUENCES: 2627
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: 08/373,124
 / FILING DATE: January 13, 1995
 / APPLICATION NUMBER: 08/435,628
 / FILING DATE: 05-MAY-1995
 / CLASSIFICATION: 514
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 08/373,124
 / FILING DATE: February 7, 1994
 / APPLICATION NUMBER: 07/987,132
 / FILING DATE: December 7, 1992
 / APPLICATION NUMBER: 08/245,466
 / FILING DATE: May 18, 1994
 / APPLICATION NUMBER: 08/192,943
 / FILING DATE: February 7, 1994
 / APPLICATION NUMBER: 08/373,124
 / FILING DATE: January 13, 1995
 / APPLICATION NUMBER: 07/936,422
 / FILING DATE: August 26, 1992
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Warburg, Richard
 / REGISTRATION NUMBER: 32,327
 / REFERENCE DOCKET NUMBER: 209/035
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEX: (213) 955-0440

NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: (213) 955-0440

TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 184:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single

Query Match 0.3% Score 13.8; DB 1; Length 17;
 Best Local Similarity 52.9%; Pred. No. 73;
 Matches 9; Conservative 6; Mismatches 2;
 Gaps 0;

RESULT 92
 US-08-435-628-184
 / Sequence 184, Application US/08435628
 / Patent No. 5817796
 / GENERAL INFORMATION:
 / APPLICANT: Stinchcomb, Dan T.
 / APPLICANT: Draper, Kenneth
 / APPLICANT: McSwiggen, James
 / APPLICANT: Jarvis, Thale
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 / TREATMENT OF RESTENOSIS AND
 / TITLE OF INVENTION: CANCER USING RIBOZYMES
 / NUMBER OF SEQUENCES: 2627
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / STREET: Suite 4700
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / MEDIUM TYPE: storage
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: 08/08/435,628
 / FILING DATE: 05-MAY-1995
 / CLASSIFICATION: 514
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 08/373,124
 / FILING DATE: January 13, 1995
 / APPLICATION NUMBER: 08/245,466
 / FILING DATE: May 18, 1994
 / APPLICATION NUMBER: 08/192,943
 / FILING DATE: February 7, 1994
 / APPLICATION NUMBER: 07/987,132
 / FILING DATE: December 7, 1992
 / APPLICATION NUMBER: 07/936,422
 / FILING DATE: August 26, 1992
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Warburg, Richard
 / REGISTRATION NUMBER: 32,327
 / REFERENCE DOCKET NUMBER: 209/035
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (213) 489-1600
 / TELEX: (213) 955-0440

```

US-08-435-628-184    TOPOLOGY: linear
Query Match      0.3%;  Score 13.8;  DB 1;  Length 17;
Best Local Similarity 52.9%;  Prd. No. 73;
Matches 9;  Conservative 6;  Mismatches 2;  Indels 0;
/ Sequence 510, Application US/08435628
/ Patent No. 581796
/ GENRAL INFORMATION:
/   APPLICANT: Stinchcomb, Dan T.
/   APPLICANT: Draper, Kenneth
/   APPLICANT: McSwiggen, James
/   APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/   ADDRESSEE: Lyon & Lyon
/   STREET: 633 West Fifth Street
/   STREET: Suite 4700
/   CITY: Los Angeles
/   STATE: California
/   COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/   MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/   MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/   OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/08/435,628
/   FILING DATE: 05-MAY-1995
/   CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: 08/373,124
/   FILING DATE: January 13, 1995
/   APPLICATION NUMBER: 08/245,466
/   FILING DATE: May 18, 1994
/   APPLICATION NUMBER: 08/192,943
/   FILING DATE: February 7, 1994
/   APPLICATION NUMBER: 07/987,132
/   FILING DATE: December 7, 1992
/   APPLICATION NUMBER: 07/936,422
/   FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (213) 489-1600
/   TELEFAX: (213) 955-0440
/   TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 510:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-435-628-510    TOPOLOGY: linear
Query Match      0.3%;  Score 13.8;  DB 1;  Length 17;
Best Local Similarity 52.9%;  Prd. No. 73;
Matches 9;  Conservative 6;  Mismatches 2;  Indels 0;
/ Sequence 510, Application US/08435628
/ Patent No. 581796
/ GENRAL INFORMATION:
/   APPLICANT: Stinchcomb, Dan T.
/   APPLICANT: Draper, Kenneth
/   APPLICANT: McSwiggen, James
/   APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/   ADDRESSEE: Lyon & Lyon
/   STREET: 633 West Fifth Street
/   STREET: Suite 4700
/   CITY: Los Angeles
/   STATE: California
/   COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/   MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/   MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/   OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/08/435,628
/   FILING DATE: 05-MAY-1995
/   CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/   APPLICATION NUMBER: 08/373,124
/   FILING DATE: January 13, 1995
/   APPLICATION NUMBER: 08/245,466
/   FILING DATE: May 18, 1994
/   APPLICATION NUMBER: 08/192,943
/   FILING DATE: February 7, 1994
/   APPLICATION NUMBER: 07/987,132
/   FILING DATE: December 7, 1992
/   APPLICATION NUMBER: 07/936,422
/   FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/   NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/   TELEPHONE: (213) 489-1600
/   TELEFAX: (213) 955-0440
/   TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 510:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear

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Qy US-08-435-628-788 RESULT 94 1742 AGGAAACATTGTTTT 1758
 Sequence 788, Application US/08435628
 Patent No. 5,817766 1 AGGAAACATTGTTTT 17
 GENERAL INFORMATION:
 APPLICANT: Draper, Kenneth
 McSwigan, James
 Stinchcomb, Dan T.
 APPLICANT: Jarvis, Thale
 APPLICANT: McSwigan, James
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 TITLE OF INVENTION: NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 03-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 788:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-788

Qy 2830 GATTTTAAACAGAA 2846
 Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 52.9%; Pred. No. 73;
 Matches 9; Conservative 6; Mismatches 2; Indels
 Do 1 GAUUUUUAAA 17

RESULT 95
 US-08-435-628-1096/c
 / Sequence 1096, Application US/08435628
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James S.
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1096:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-1096

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3977 AAAATGCAAGAAACTCCC 3953
 Db 17 AAAATGCAAGAGTCTCCC 1

RESULT 96
 US-08-985-162-791/c
 / Sequence 791, Application US/08985162
 GENERAL INFORMATION:
 APPLICANT: Akhtar, Saghir
 APPLICANT: Fell, Patricia
 APPLICANT: McSwiggen, James S.
 TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 NUMBER OF SEQUENCES: 1877
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.

ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FASSEQ for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/985.162
 FILING DATE: 04 December 1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/036.476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32.327
 REFERENCE/DOCKET NUMBER: 230/107
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 792:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 US-08-985.162-792

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2680 AGGAAAGGAAATT 2696
 Db 17 AGCAAAAGGAAACATT 1

RESULT 98
 US-08-984-04-5519/c
 Sequence 5519, Application US/08584040
 Patent No. 6346318
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: WORD Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584.040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32.327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 5519:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 US-08-584-040-5519

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3725 TTCAAGAGATTCAAGAC 3741
 Db 17 TTCAAGGGATTGGAC 1

RESULT 99
 US-09-371-772B-2410/c
 Sequence 2410, Application US/09371772B
 Patent No. 6566127
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
 FILE REFERENCE: MBH00.877-J (237/198)
 CURRENT APPLICATION NUMBER: US/09/371-772B
 CURRENT FILING DATE: 1999-08-10
 PRIOR APPLICATION NUMBER: US 60/005,974
 PRIOR APPLICATION NUMBER: US 60/005,974
 PRIOR FILING DATE: 1995-10-26
 NUMBER OF SEQ ID NOS: 14225
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 2410
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Mus sp.
 US-09-371-772B-2410

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3725 TTCAAGAGATTCAAGAC 3741
 Db 17 TTCAAGGGATTGGAC 1

RESULT 100
 US-09-371-772B-5629
 Sequence 5629, Application US/09371772B
 Patent No. 6566127
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime

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; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/18)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIORITY NUMBER: US 60/005,974
; PRIORITY FILING DATE: 1995-10-26
; PRIORITY APPLICATION NUMBER: US 08/584,040
; PRIORITY FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 5629
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-5629

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 73; Mismatches 2; Indels 0; Gaps 0;
Matches 7; Conservative 8; N mismatches 2; Indels 0; Gaps 0;

Qy 374 ATGATCCCTATATT 390
   |:|:|:|:|:|:|:|:|
   1 AUGUCUGCCAUAUU 17

RESULT 1.01
US-09-371-772B-6423
Sequence 6423 ; Application US/09371772B
; Parent No. 6566527
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Parco, Pam
; APPLICANT: McGivigan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jamie
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIORITY NUMBER: US 60/005,974
; PRIORITY FILING DATE: 1995-10-26
; PRIORITY APPLICATION NUMBER: US 08/584,040
; PRIORITY FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 6423
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6423

Query Match          0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 73; Mismatches 6; Indels 0; Gaps 0;
Matches 9; Conservative 6; N mismatches 6; Indels 0; Gaps 0;

Qy 1001 GTATGTCCTTCACT 1017
   |:|:|:|:|:|:|:|:|
   1 GGUACUCCUCCACGU 17

RESULT 1.02
US-09-401-063-791/C
Sequence 791 ; Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akbar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McGivigan, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EPIDERMAL GROWTH

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/MEDIUM TYPE: Storage
/COMPUTER: IBM Compatible
/OPERATING SYSTEM: IBM P.C. DOS 5.0
/SOFTWARE: FastSeq For Windows 2.0
/CURRENT APPLICATION DATA:
/APPLICATION NUMBER: US/09/401,063
/FILING DATE:
/PRIOR APPLICATION DATA:
/APPLICATION NUMBER: 08/1985,162
/FILING DATE: 04 December 1987
/APPLICATION NUMBER: 60/036,476
/FILING DATE: 31 January 1997
/ATTORNEY/AGENT INFORMATION:
/NAME: Warburg, Richard J.
/REGISTRATION NUMBER: 32,327
/TELECOMMUNICATION INFORMATION:
/TELEPHONE: (213) 489-1600
/TELEFAX: (213) 955-0440
/TELEX: 67-3510
/INFORMATION FOR SEQ ID NO: 792:
/SEQUENCE CHARACTERISTICS:
/LENGTH: 17 base Pairs
/TYPE: nucleic acid
/STRANDEDNESS: single
/TOPOLOGY: linear
/US-09-401-063-792

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
RESULT 104
US-09-827-998-322
/Sequence 322, Application US/09827998
/Patent No. 6656700
/GENERAL INFORMATION:
/APPLICANT: Gu, Yizhong
/APPLICANT: Shannon, Mark
/TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/CURRENT APPLICATION NUMBER: US/09/827,998
/FILE REFERENCE: MDIMORF-8
/CURRENT FILING DATE: 2001-04-06
/PRIOR APPLICATION NUMBER: US 60/236,359
/PRIOR FILING DATE: 2000-09-27
/NUMBER OF SEQ ID NOS: 1881
/SOFTWARE: Aemicia Sequence Listing Engine
/Patent No. 6656700
/SEQ ID NO. 322
/LENGTH: 17
/TYPE: DNA
/ORGANISM: Homo sapiens
/US-09-827-998-322

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
RESULT 105
US-09-827-998-323
/Sequence 323, Application US/09827998
/Patent No. 6656700
/GENERAL INFORMATION:
/APPLICANT: Gu, Yizhong
/APPLICANT: Shannon, Mark
/TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/CURRENT APPLICATION NUMBER: US/09/827,998
/FILE REFERENCE: MDIMORF-8
/CURRENT FILING DATE: 2001-04-06
/PRIOR APPLICATION NUMBER: US 60/207,456
/PRIOR FILING DATE: 2000-05-26
/NUMBER OF SEQ ID NOS: 1881
/SOFTWARE: Aemicia Sequence Listing Engine
/Patent No. 6656700
/SEQ ID NO. 323
/LENGTH: 17
/TYPE: DNA
/ORGANISM: Homo sapiens
/US-09-827-998-323

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
RESULT 106
US-09-827-998-485
/Sequence 485, Application US/09827998
/Patent No. 6656700
/GENERAL INFORMATION:
/APPLICANT: Gu, Yizhong
/APPLICANT: Shannon, Mark
/TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/CURRENT APPLICATION NUMBER: US/09/827,998
/FILE REFERENCE: MDIMORF-8
/CURRENT FILING DATE: 2001-04-06
/PRIOR APPLICATION NUMBER: US 60/207,456
/PRIOR FILING DATE: 2000-05-26
/NUMBER OF SEQ ID NOS: 1881
/SOFTWARE: Aemicia Sequence Listing Engine
/Patent No. 6656700
/SEQ ID NO. 485
/LENGTH: 17
/TYPE: DNA
/ORGANISM: Homo sapiens
/US-09-827-998-485

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
RESULT 107
US-09-866-106A-200
/Sequence 200, Application US/09866108A
/Patent No. 6686188
/GENERAL INFORMATION:
/APPLICANT: Gu, Yizhong
/APPLICANT: JI, Yonggang
/APPLICANT: PENN, Sharron G.
/APPLICANT: HANZEL, David K.
/US-09-866-106A-200

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
RESULT 108
US-09-866-106A-201
/Sequence 201, Application US/09866108B
/Patent No. 6686188
/GENERAL INFORMATION:
/APPLICANT: Gu, Yizhong
/APPLICANT: JI, Yonggang
/APPLICANT: PENN, Sharron G.
/APPLICANT: HANZEL, David K.
/US-09-866-106A-201

Query Match
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
RESULT 109
US-09-866-106A-202
/Sequence 202, Application US/09866108C
/Patent No. 6686188
/GENERAL INFORMATION:
/APPLICANT: Gu, Yizhong
/APPLICANT: JI, Yonggang
/APPLICANT: PENN, Sharron G.
/APPLICANT: HANZEL, David K.
/US-09-866-106A-202

```

APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wenshang
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 SEQ ID NO: 200
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-200
 SOFTWARE: Aeomica Sequence Listing Engine

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 1 TGTTGGAAAGAGAAATT 2527
 Db 1 TGTTGGAAAGAGAAATT 17

RESULT 108
 US-09-866-108A-734
 Sequence 734, Application US/09866108A
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wenshang
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aeomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO: 1734
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-1734

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2;

RESULT 110
 US-09-866-108A-7973
 / Sequence 7973, Application US/09866108A
 / Patent No. 6686188
 / GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / CURRENT APPLICATION NUMBER: US/09/866,108A
 / FILE REFERENCE: AEONICA-7
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263.6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2000-01-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00667
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00664
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00669
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00665
 / PRIOR FILING DATE: 2001-01-30
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 15755
 / SOFTWARE: Aeomica Sequence Listing Engine
 / Patent No. 6686188
 / SEQ ID NO: 8057

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2;

RESULT 111
 US-09-866-108A-8057/C
 / Sequence 8057, Application US/09866108A
 / Patent No. 6686188
 / GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263.6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2001-01-30
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 15755
 / SOFTWARE: Aeomica Sequence Listing Engine
 / Patent No. 6686188
 / SEQ ID NO: 7973
 / LENGTH: 17
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / US-09-866-108A-8057

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2;

RESULT 112
 US-09-866-108A-8078/C
 / Sequence 8078, Application US/09866108A
 / Patent No. 6686188
 / GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263.6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2001-01-30
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 15755
 / SOFTWARE: Aeomica Sequence Listing Engine
 / Patent No. 6686188
 / SEQ ID NO: 7973
 / LENGTH: 17
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / US-09-866-108A-8078

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2;

RESULT 113
 US-09-866-108A-8057/C
 / Sequence 8057, Application US/09866108A
 / Patent No. 6686188
 / GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.

PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Acomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 8078
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-8078
 Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 3434 TTCCCTCTCCCTCTCTCT 3450
 Db 17 TTCCCTCTCCCTGGCTC 1

RESULT 114
 US-09-866-108A-8087/C
 / Sequence 8087, Application US/09866108A
 / Patent No. 6686188
 / GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / FILE REFERENCE: AEOMICA-7
 / CURRENT APPLICATION NUMBER: US/09/866,108A
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263-6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00667
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00664
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00669
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00665
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00668
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00663
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00665
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00668
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00664
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00669
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00665
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00667
 / PRIOR FILING DATE: 2001-01-30
 / NUMBER OF SEQ ID NOS: 15755
 / SOFTWARE: Acomica Sequence Listing Engine
 / Patent No. 6686188
 / SEQ ID NO 8087
 / LENGTH: 17
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 US-09-866-108A-8087
 Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 3438 TCCCTCTCCCTCTCT 3454
 Db 17 TCCCTCAGTCCCTCTC 1

RESULT 115
 US-09-866-108A-8088/C
 / Sequence 8088, Application US/09866108A
 / Patent No. 6686188
 / GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / FILE REFERENCE: AEOMICA-7
 / CURRENT APPLICATION NUMBER: US/09/866,108A
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2001-01-30
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 15755
 / SOFTWARE: Acomica Sequence Listing Engine
 / Patent No. 6686188
 / SEQ ID NO 8079
 / LENGTH: 17
 / TYPE: DNA
 / ORGANISM: Homo sapiens

1 APPLICANT: PENN, Sharron G. ; PRIOR FILING DATE: 2001-01-30 ;
 1 APPLICANT: HANZEL, David K. ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 1 APPLICANT: RANK, David R. ; PRIOR FILING DATE: 2001-01-30 ;
 1 APPLICANT: CHEN, Wensheng ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 1 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 1 FILE REFERENCE: AEOMICA-7
 1 CURRENT FILING DATE: 2001-05-25
 1 PRIOR APPLICATION NUMBER: US/09/866,108A
 1 PRIOR FILING DATE: 2000-05-26
 1 PRIOR APPLICATION NUMBER: PCT/US01/00666
 1 PRIOR FILING DATE: 2001-01-30
 1 PRIOR APPLICATION NUMBER: GB 24263.6
 1 PRIOR FILING DATE: 2000-10-04
 1 PRIOR APPLICATION NUMBER: US 60/236,359
 1 PRIOR FILING DATE: 2000-09-27
 1 PRIOR APPLICATION NUMBER: PCT/US01/00666
 1 PRIOR FILING DATE: 2001-01-30
 1 PRIOR APPLICATION NUMBER: PCT/US01/00667
 1 PRIOR FILING DATE: 2001-01-30
 1 PRIOR APPLICATION NUMBER: PCT/US01/00664
 1 PRIOR FILING DATE: 2001-01-30
 1 PRIOR APPLICATION NUMBER: PCT/US01/00669
 1 PRIOR FILING DATE: 2001-01-30
 1 PRIOR APPLICATION NUMBER: PCT/US01/00665
 1 PRIOR FILING DATE: 2001-01-30
 1 PRIOR APPLICATION NUMBER: PCT/US01/00668
 1 PRIOR FILING DATE: 2001-01-30
 1 PRIOR APPLICATION NUMBER: PCT/US01/00663
 1 PRIOR FILING DATE: 2001-01-30
 1 Remaining Prior Application data removed - See File wrapper or PALM.
 1 NUMBER OF SEQ ID NOS: 15755
 1 SOFTWARE: Aeomica Sequence Listing Engine
 1 Patent No. 6686188
 1 SEQ ID NO: 8088
 1 LENGTH: 17
 1 TYPE: DNA
 1 ORGANISM: Homo sapiens
 1 US-09-866-108A-8089

RESULT 116
 US-09-866-108A-10180
 ; Sequence 10180, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-10
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO: 10180
 ; LENGTH: 17
 ; TYPE: DNA

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3857 ATCCCTCCACTCCCTCT 3872
 Db 17 ATCCCTCCACTCCCTCT 1

RESULT 117
 US-09-866-108A-10180
 ; Sequence 10180, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-10
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO: 10180
 ; LENGTH: 17
 ; TYPE: DNA

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3856 CATCCCTCCAGCTCCCC 3872
 Db 17 CATCCCTCCAGCTCCCC 1

```

; ORGANISM: Homo sapiens
US-09-866-108A-10180

RESULT 118
US-09-866-108A-10394
; Sequence 10394, Application US/09866108A
Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yongeng
; APPLICANT: PEI, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEONICA-7
; CURRENT APPLICATION NUMBER: US/09/8666,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1555
; SOFTWARE: Aeonica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10394
LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10394

RESULT 119
US-09-404-912-383/c
; Sequence 383, Application US/09404912
Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: John Landers

RESULT 119
US-09-404-912-383/c
; Sequence 383, Application US/09404912
Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: John Landers

```

APPLICANT: Gamper, Howard B.
 APPLICANT: Rice, Michael C.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 TITLE OF INVENTION: Stranded Oligonucleotides

CURRENT APPLICATION NUMBER: US/09/818,875
 CURRENT FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/192,179
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 NUMBER OF SEQ ID NOS: 4385
 SEQ ID NO: 831
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-818-875-831

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2;

Qy 2213 AGAGCAAGCTCAGGCA 2229
 Db 1 AGAGCCACCTCAAGCA 17

RESULT 122
 US-09-818-875-832/C
 Sequence 832, Application US/09818875
 Patent No. 6936467

GENERAL INFORMATION:
 APPLICANT: Kmiec, Eric B.
 APPLICANT: Gamper, Howard B.
 APPLICANT: Rice, Michael C.
 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4
 CURRENT APPLICATION NUMBER: US/09/818,875
 CURRENT FILING DATE: 2001-03-27
 PRIOR APPLICATION NUMBER: US 60/192,176
 PRIOR FILING DATE: 2000-03-27
 PRIOR APPLICATION NUMBER: US 60/208,538
 PRIOR FILING DATE: 2000-06-01
 PRIOR APPLICATION NUMBER: US 60/244,989
 PRIOR FILING DATE: 2000-10-30
 SEQ ID NO: 832
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-818-875-832

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 2;

Qy 2213 AGAGCAAGCTCAGGCA 2229
 Db 1 AGAGCCACCTCAAGCA 1

RESULT 123
 US-09-818-875-2646/C
 Sequence 2646, Application US/09818875

RESULT 125
 US-09-818-875-4258
 ; Sequence 4258, Application US/09818875
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/09/818,875
 ; PRIOR APPLICATION NUMBER: US 60/192,175
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO: 4258
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-818-875-4258

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1011 TCCACGTTTATGCTGG 1027
 Db 1 TCCACTTGATGCTGG 17

RESULT 126
 US-09-818-875-4259/C
 ; Sequence 4259, Application US/09818875
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gamper, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/09/818,875
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO: 4259
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-818-875-4259

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 127
 US-09-818-875-4291/C
 ; Sequence 4291, Application US/09818875
 ; Patent No. 6936467
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gamper, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/09/818,875
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO: 4291
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-818-875-4291

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 128
 US-09-818-875-4291
 ; Sequence 4291, Application US/09818875
 ; Patent No. 6936467
 ; GENERAL INFORMATION:
 ; APPLICANT: Kmiec, Eric B.
 ; APPLICANT: Gamper, Howard B.
 ; APPLICANT: Rice, Michael C.
 ; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
 ; FILE REFERENCE: Napro-4
 ; CURRENT APPLICATION NUMBER: US/09/818,875
 ; PRIOR APPLICATION NUMBER: US 60/192,176
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/192,179
 ; PRIOR FILING DATE: 2000-03-27
 ; PRIOR APPLICATION NUMBER: US 60/208,538
 ; PRIOR FILING DATE: 2000-06-01
 ; PRIOR APPLICATION NUMBER: US 60/244,989
 ; PRIOR FILING DATE: 2000-10-30
 ; NUMBER OF SEQ ID NOS: 4385
 ; SOFTWARE: Friedman macro Napro4
 ; SEQ ID NO: 4291
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-818-875-4291

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3670 CCAGAACCTTATAAA 3686
 Db 1 CCAGAACCTGAGAA 17

RESULT 129
 US-923-327A-189
 Patent No. 651721 Application US/09233327A

GENERAL INFORMATION:
 APPLICANT: MURPHY, Patricia D.
 TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses
 FILE REFERENCE: 044921-5054-02
 CURRENT APPLICATION NUMBER: US/09/933,327A
 CURRENT FILING DATE: 2001-08-08
 PRIOR APPLICATION NUMBER: US/08/598,591
 PRIOR FILING DATE: 1996-02-12
 PRIOR APPLICATION NUMBER: US/08/798,691
 PRIOR FILING DATE: 1997-02-12
 PRIOR APPLICATION NUMBER: US/08/905,772
 PRIOR FILING DATE: 1997-08-04
 PRIOR APPLICATION NUMBER: US/09/084,471
 PRIOR FILING DATE: 1998-03-22
 PRIOR APPLICATION NUMBER: US/09/129,134
 PRIOR FILING DATE: 1998-08-04
 PRIOR APPLICATION NUMBER: US/09/524,794
 PRIOR FILING DATE: 2000-03-14
 NUMBER OF SEQ ID NOS: 268
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 189

LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-923-327A-189

Query Match 0.3%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 73;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2212 AAGAGCAAGCTCAGC 2228
 Db 1 AAGAGCAAGCTCAGC 17

RESULT 130
 US-08-152-968A-305/C
 Sequence 305, Application US/08182968A

GENERAL INFORMATION:
 APPLICANT: Draper, Kenneth G.
 TITLE OF INVENTION: METHOD AND REAGENT FOR
 INHIBITING HEPATITIS C
 TITLE OF INVENTION: VIRUS REPLICATION
 NUMBER OF SEQUENCES: 497
 CORRESPONDENCE ADDRESS:
 ADDRESS: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/334,847
 FILING DATE: No. 569352ember 4, 1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32.327
 REFERENCE/DOCKET NUMBER: 209/032
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 FAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 96:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid

TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
 NUMBER OF SEQUENCES: 365
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
 STREET: 510 EAST 73RD STREET,
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTY: USA
 ZIP: 10021.

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44MB storage
 COMPUTER: IBM PC/XT/AT
 OPERATING SYSTEM: MS-DOS version 6.2
 SOFTWARE: Wordperfect Version 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/173,489C
 FILING DATE: 22 DEC 1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/968,436
 FILING DATE: 29 OCT 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Handelman, Joseph H.
 REGISTRATION NUMBER: 26,179
 REFERENCE DOCKET NUMBER: U9518-6
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (attorney) (212) 708-1880
 TELEFAX: (attorney) (212) 246-8959
 INFORMATION FOR SEQ ID NO: 45:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: double stranded
 TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA
 DESCRIPTION: dystrophin gene (Accession # M18533,
 M17154, M18026) nucleotides 13280 to 13294
 HYPOTHETICAL: No
 ANTI-SENSE: No
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: X-chromosome
 MAP POSITION: XP21.3-p21.1

PUBLICATION INFORMATION:
 AUTHORS: Koenig, M., Hoffman, E. P., Bertelson, C. J.,
 Monaco, A. P., Feener, C., Kunkel, L. M.
 TITLE: Complete cloning of the
 Duchenne muscular dystrophy (DMD) cDNA and
 preliminary genomic organization of the DMD
 TITLE: Gene in normal and affected individuals
 JOURNAL: Cell
 VOLUME: 50
 PAGES: 509-517
 DATE: 1987
 AUTHORS: Kunkel, L. M.
 TITLE: Conservation of the Duchenne
 JOURNAL: Science
 VOLUME: 238
 PAGES: 347-350
 DATE: 1987
 AUTHORS: Koenig, M., Monaco, A. P., Kunkel, L. M.
 TITLE: The complete sequence of
 TITLE: dystrophin predicts a rod-shaped cytoskeletal
 JOURNAL: Cell
 VOLUME: 53
 PAGES: 219-228
 DATE: 1988
 RELEVANT RESIDUES IN SEQ ID NO: 45 : FROM 1 TO 15

US-08-173-489C-45

RESULT 135
 US-08-774-306A-305/C
 ; Sequence 305, Application US/08774306A
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; PATENT NO. 5869253
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; INHIBITING HEPATITIS C
 ; TITLE OF INVENTION: VIRUS REPLICATION
 ; NUMBER OF SEQUENCES: 497
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-0066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/774,306A
 FILING DATE: December 26, 1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/182,968
 FILING DATE: January 13, 1994
 APPLICATION NUMBER: 07/882,888
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 223/2227
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 89-1600
 TELEFAX: (212) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 305:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-774-306A-305

RESULT 136
 US-08-910-408-7/C
 ; Sequence 7, Application US/08910408
 ; Patent No. 597204
 ; GENERAL INFORMATION:

Qy 211 GAGGACGAGTTCA 225
 Db 15 GAGGACGAGTTCA 1

RESULT 136
 US-08-910-408-7/C
 ; Sequence 7, Application US/08910408
 ; Patent No. 597204
 ; GENERAL INFORMATION:

APPLICANT: Kenneth G. Draper
 APPLICANT: Bharat Chovrira
 APPLICANT: James McSwiggen
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James D. Thompson
 TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
 TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
 NUMBER OF SEQUENCES: 232
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/910,408
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/271,880
 FILING DATE: July 7, 1994
 APPLICATION NUMBER: 08/103,243
 FILING DATE: August 6, 1993
 APPLICATION NUMBER: 07/882,886
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 FILING DATE:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-2510
 INFORMATION FOR SEQ ID NO: 194:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-910-408-194

Query Match 0.3%; Score 13.4%; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 97;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1846 TATGGAGATCCCAAT 1860
 Db 15 TATGGAGACCCCAAT 1

RESULT 137
 US-08-910-408-194/C
 / Patent No. 5972704
 / GENERAL INFORMATION:
 / APPLICANT: Kenneth G. Draper
 / APPLICANT: Bharat Chovrira
 / APPLICANT: James McSwiggen
 / APPLICANT: Dan T. Stinchcomb
 / TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
 / TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
 / NUMBER OF SEQUENCES: 232
 / CORRESPONDENCE ADDRESS:

RESULT 138
 US-09-06-156A-305/C
 / Sequence 305, Application US/09064156A
 / Patent No. 6132966
 / GENERAL INFORMATION:
 / APPLICANT: Draper, Kenneth G.
 / TITLE OF INVENTION: METHOD AND REAGENT FOR
 / INHIBITING HEPATITIS C
 / TITLE OF INVENTION: VIRUS REPLICATION
 / NUMBER OF SEQUENCES: 498
 / CORRESPONDENCE ADDRESS:
 / ADDRESSSEE: Lyon & Lyon
 / STREET: 633 West Fifth Street
 / CITY: Los Angeles
 / STATE: California
 / COUNTRY: U.S.A.
 / ZIP: 90071-2066
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: IBM P.C. DOS 5.0
 / SOFTWARE: Word Perfect 5.1
 / CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/064,156A
 FILING DATE: April 21, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/774,306
 FILING DATE: December 26, 1996
 APPLICATION NUMBER: 08/182,968
 FILING DATE: January 13, 1994
 APPLICATION NUMBER: 07/882,888
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 234/083
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-064-150A-305

RESULT 1.39
 US-09-249-215-7/C
 Sequence 7, Application US/09249215
 GENERAL INFORMATION:
 APPLICANT: Kenneth G. Draper
 Patent No. 6159692
 ADDRESS: Lyon & Lyon
 Bharat Chowrira
 James McSwiggen
 Dan T. Stinchcomb
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

NUMBER OF SEQUENCES: 232
 CORRESPONDENCE ADDRESS:
 APPLICANT: Kenneth G. Draper
 Bharat Chowrira
 James McSwiggen
 Dan T. Stinchcomb
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

NUMBER OF SEQUENCES: 232
 CORRESPONDENCE ADDRESS:
 ADDRESS: Lyon & Lyon
 STREET: 633 West Fifth Street
 Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FAS-SEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/249,215
 FILING DATE: 12-Feb-1999
 PRIORITY APPLICATION NUMBER: US/09/249,215
 FILING DATE: 12-Feb-1999
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/910,408
 FILING DATE: August 6, 1993
 APPLICATION NUMBER: 08/103,243
 FILING DATE: <Unknown>
 APPLICATION NUMBER: 08/910,408
 FILING DATE: August 6, 1993
 APPLICATION NUMBER: 07/882,886
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 206/116
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 7:
 US-09-249-215-7

RESULT 14.0
 US-09-249-215-194/C
 Sequence 194, Application US/09249215
 GENERAL INFORMATION:
 APPLICANT: Kenneth G. Draper
 Bharat Chowrira
 James McSwiggen
 Dan T. Stinchcomb
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

NUMBER OF SEQUENCES: 232
 CORRESPONDENCE ADDRESS:
 ADDRESS: Lyon & Lyon
 STREET: 633 West Fifth Street
 Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FAS-SEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/249,215
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 206/116
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 194:
 SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 194:
 US-09-249-215-194

Query Match 0.3%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 97;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 1846 TATGAGATCCCAAT 1860
 Db 15 TATGAGATCCCAAT 1

RESULT 141

US-09-461-697-122
 Sequence 122, Application US/09461697
 ; Patent No. 6277974
 ; GENERAL INFORMATION:
 ; APPLICANT: COGENE NEUROSCIENCE, Inc.
 ; APPLICANT: Lo, Donald C.
 ; APPLICANT: Barney, Shawn
 ; APPLICANT: Thomas, Mary Beth
 ; APPLICANT: Portbury, Stuart D.
 ; APPLICANT: Puranam, Kasturi
 ; APPLICANT: Katz, Lawrence C.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
 ; AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
 ; TITLE OF INVENTION: CELL DEATH
 ; FILE REFERENCE: 10001-005-999
 ; CURRENT FILING DATE: 1999-12-14
 ; NUMBER OF SEQ ID NOS: 466
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 122
 ; LENGTH: 15
 ; TYPE: DNA
 ; CURRENT APPLICATION NUMBER: US/09/461, 697
 ; NUMBER OF SEQ ID NOS: 466
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 122
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-461-697-122

RESULT 142

Query Match 0.3%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 97;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1480 ATGAGGAATATACAA 1494
 Db 1 ATGAGGAATATACAA 15

RESULT 143

US-09-081-646-143/C
 Sequence 143, Application US/09081646
 ; Patent No. 6333152
 ; GENERAL INFORMATION:
 ; APPLICANT: Kinzler, Kenneth
 ; APPLICANT: Vogelstein, Bert
 ; APPLICANT: Zhang, Lin
 ; APPLICANT: Hou, Wei
 ; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152 and
 ; US-09-081-646-856/C
 ; Sequence 856, Application US/09081646
 ; Patent No. 6333152
 ; GENERAL INFORMATION:
 ; APPLICANT: Kinzler, Kenneth
 ; APPLICANT: Vogelstein, Bert
 ; APPLICANT: Zhang, Lin
 ; APPLICANT: Hou, Wei
 ; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152 and
 ; US-09-081-646-856/C
 ; Sequence 856, Application US/09081646
 ; Patent No. 6333152
 ; GENERAL INFORMATION:
 ; FILE REFERENCE: 01107.74664
 ; CURRENT APPLICATION NUMBER: US/09/081, 646
 ; CURRENT FILING DATE: 1998-05-20
 ; EARLIER APPLICATION NUMBER: 60/047, 352
 ; EARLIER FILING DATE: 1997-05-21
 ; NUMBER OF SEQ ID NOS: 871
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO 856
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-081-646-856

RESULT 144

Query Match 0.3%; Score 13.4; DB 1; Length 15;
 Best Local Similarity 93.3%; Pred. No. 97;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3384 TTCTCTTGTTCATG 3398
 Db 15 TTCTCTTGTTCATG 1

RESULT 145

US-08-644-034A-9/C
 Sequence 9, Application US/08644034A
 ; Patent No. 5882862
 ; GENERAL INFORMATION:
 ; APPLICANT: Howard B. Lieberman and Kevin M. Hopkins
 ; TITLE OF INVENTION: A HUMAN RADIORESISTANCE/CELL CYCLE
 ; TITLE OF INVENTION: PROGRESSION GENE
 ; NUMBER OF SEQUENCES: 24
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Cooper & Dunham, LLP
 ; STREET: 1115 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/644, 034A
 ; FILING DATE: May 9, 1996
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: John P. White
 ; REGISTRATION NUMBER: 28, 678
 ; REFERENCE/DOCKET NUMBER: 0575/50307

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 391-0400
 TELEFAX: (212) 391-0526
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 US-08-644-034A-9

RESULT 145
 US-08-644-034A-17

Sequence 17, Application US/08644034A
 / Parent No. 5882862
 / GENERAL INFORMATION:
 / APPLICANT: Howard B. Lieberman and Kevin M. Hopkins
 / TITLE OF INVENTION: A HUMAN RADIRESISTANCE/CELL CYCLE
 / TITLE OF INVENTION: PROGRESSION GENE
 / NUMBER OF SEQUENCES: 24
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Cooper & Dunham, LLP
 / STREET: 1185 Avenue of the Americas
 / CITY: New York
 / STATE: New York
 / COUNTRY: U.S.A.
 / ZIP: 10036

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/644,034A
 FILING DATE: May 9, 1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: John P. White
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 0575/50307
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEFAX: (212) 391-0526
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 US-08-644-034A-17

Query Match 0.3%; Score 13.4; DB 1; Length 16;
 Best Local Similarity 93.3%; Pred. No. 91;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 2116 CTGGATTGCTGGAA 2130
 Db 1 CTGGATTGCTGGAA 15